

Work Order ID 137363

September 25, 2015 9:30:06 AM

137363

Engineering needs ASAP

ENGINEERING USE ONLY

Page 1

Item ID: D3053-041

Accept

N9000040100

Setup Start

NS1

Revision ID:

Item Name: 212 Basket Base Ass'Y LH

Stop

NS2

Start Date: 9/25/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/28/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

SH

Date:

20150925

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D3053

C

100

100

Large Fab

Large Fab

Large Fab

Memo

1-Cut 5 D2235-3 FROM D3166-1 using DT83

2-Drill holes in three D2235-3 ribs as per dwg D3053 using DT8995

0.00

0.00

/x

DAS
43
9-89

SEP 28 2015

110

110

Large Fab

Large Fab

Large Fab

Memo

1-Remove all markings from material
2-Weld as per Dwg D3053 using Welding Table and corner Jig Deburr as required****Ensure ribs are positionned for LH****

0.00

0.00

/x

DAS
43
9-89

SEP 28 2015

120

120

QC

Quality Control

QC9- Inspect visual per QSI004- Fusion Welds

Memo

0.00

0.00

①

15-01-26

DAS
9
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
SECRET				SECRET				Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐			

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Page 2

Item ID: D3053-041 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: 212 Basket Base Ass'Y LH
Start Date: 9/25/2015 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 10/28/2015 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC6- Inspect dimensions to drawing	0.00							
130									
QC	Memo	0.00							DAS 9 9-89
Quality Control									
150	White Gloss(Ref:4.3.5.2) per QSI005 4.3-Steel	0.00							
150									
Powdercoat	Memo	0.00							
Powder Coating	START TIME: _____ OVEN TEMPERATURE: _____ FINISH TIME: _____								
160	QC3- Inspect Part Finish	0.00							
160									
QC	Memo	0.00							
Quality Control									

POSITIVE RECALL

EFFECTIVE DAS AUTH 9
RELEASED 9-89 DATE 16-07-26

P.T.O.

U17-03-29

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☒

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☒ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging Supplier ☐ Engineering ☒ Quality ☐ Other ☐					
Date : 17-03-29		Step #: 130		QTY Effective : ①			MRB (QS1042) Approval DAS 9 9-89 16-07-26		
Description Work Order Deviation basket was fabricated for engineering purposes only. No mesh was int install will not be use for production.				Disposition after eng finish with testing basket will be Scrap & destroy				Completed By CAC 17-3-29 Lead hand / Supervisor Approval Verification PD 17-03-29 QC / QA Coordinator Approval PD 17-03-29.	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☒ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐		☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☒ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due		☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter		FAULT CATEGORY ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes		☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☒ Fit/Function ☐ Misaligned/off center	☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence
OTHER : _____									

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Page 3

Item ID: D3053-041 Accept ***N900040100*** Setup Start ***NS1***
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Item Name: 212 Basket Base Ass'Y LH
Start Date: 9/25/2015 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 10/28/2015 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
170	Identify as per dwg & Stock Location: _____	0.00							
170									
Packaging	Memo	0.00							
Packaging									
180	QC21- Final Inspection - Work Order Release	0.00							
180									
QC	Memo	0.00							
Quality Control									

W 17-03-29

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

September 25, 2015 9:30:11 AM

Page 1

Work Order ID: 137363

137363

Parent Item: D3053-041

D3053-041

Parent Item Name: 212 Basket Base Ass'Y LH

Start Date: 9/25/2015

Required Date: 10/28/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP C02.09.04M304EX0.75-16F was M750-16FXS-S/SKJ/RF
IPP Rev:D 08-08-29 revB as per dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304EX0.75-16F		Purchased	No			100	sf	672.5322	48	50.52632			

M304EX0 75-16F

Expanded Metal Flat SS

Location

Loc Qty

Loc Code

WA004

672.5322

M132745

152.4722

M132864

40.06

M132967

160

M133198

320

M304TS0.750W.065

Purchased

No

100

f

790.9900

43.3333

45.614

M304TS0 750W 065

304 SQ Tube .75x.75x.065W

Location

Loc Qty

Loc Code

WA004

790.99

125513

14

m128495

95.35

m132190

30

m132270

81.64

m132924

570

D2232-3

Manufactured

No

110

Each

12.0000

2

2

D2232-3

Basket Hinge

Location

Loc Qty

Loc Code

WA004

12

115847

12

4132924 → 48.5

3115847 → 2x

Picklist Print

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Page 2

Work Order ID: 137363

137363

Parent Item: D3053-041

D3053-041

Parent Item Name: 212 Basket Base Ass'Y LH

Start Date: 9/25/2015

Required Date: 10/28/2015

Start Qty: 1.00

Required Qty: 1.00

D2327-3

Manufactured No

110

Each

3.0000

2

2

D2327-3

Spacer Bushing

B131972 → 2x

Location

Loc Qty

Loc Code

WA004

3

131972

3

D2581

Manufactured No

110

Each

50.0000

2

2

D2581

Mounting Bracket

Location

Loc Qty

Loc Code

WA004

50

132771

50

D3166-1

Manufactured No

110

Each

12.0000

5

5

D3166-1

Basket Hoop

B129882 → 5x

Location

Loc Qty

Loc Code

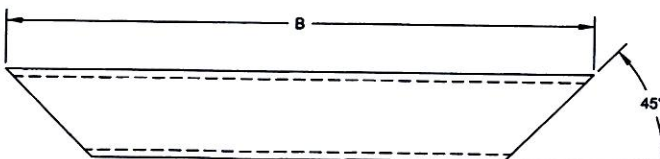
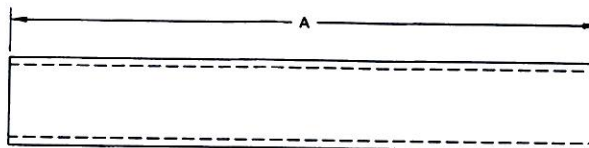
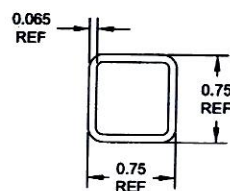
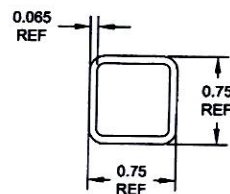
WA004

12

129882

12

QTY -041	QTY -042	PART NO	LENGTH A	LENGTH B	DESCRIPTION
X		D3053-041	N/A	N/A	BASKET BASE ASSY
	X	D3053-042	N/A	N/A	BASKET BASE ASSY
2	2	D3053-1		96.00	RIB
2	2	D3053-3		25.50	RIB
6	6	D3053-5	23.73		RIB
3	3	D3053-7	25.31		RIB
3	3	D3053-9	19.48	N/A	RIB
2	2	D2327-3	N/A	N/A	BUSHING
2	2	D2581	N/A	N/A	MOUNTING BRACKET
2	2	D2232-3	N/A	N/A	HINGE PLATE
5	5	D2235-3	N/A	N/A	RIB



D3053-X RIB

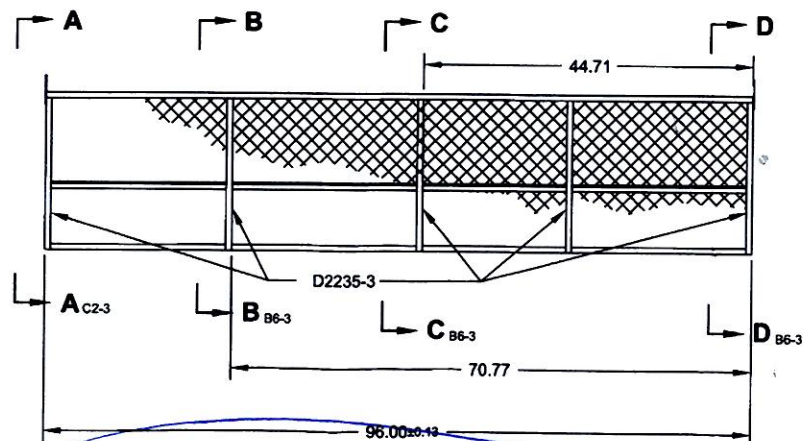
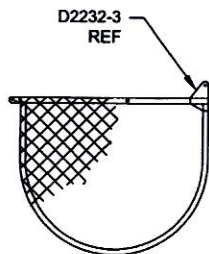
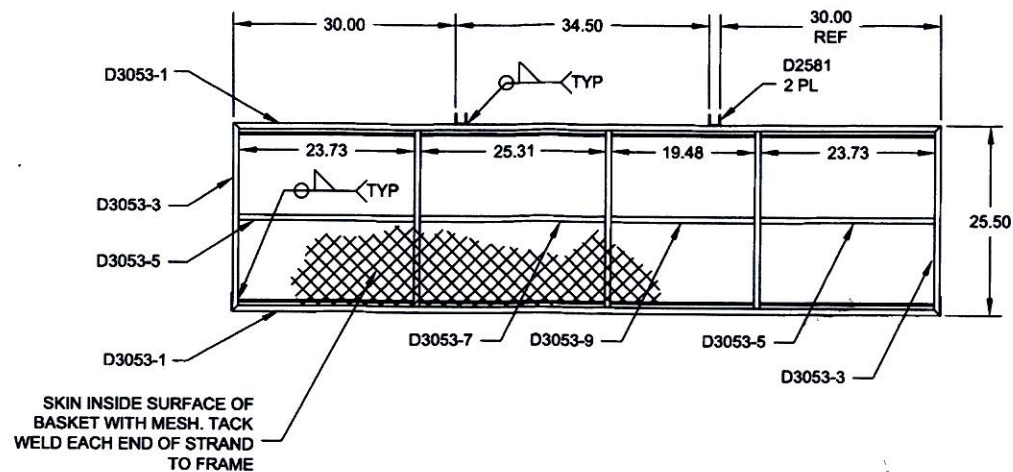
NOTES:

- 1) FRAME MATERIAL: AISI 304/316 SS, 3/4 X 3/4 X 0.065 WALL SQUARE TUBING
REF. DART SPEC M304TS0.750W.065
- 2) MESH MATERIAL: 3/4-16F EXPANDED SS
REF DART SPEC M304EX0.75-16F
- 3) FINISH: POWDER COAT ENTIRE ASSEMBLY WHITE (4.3.5.2) PER DART QSI 005 4.3
- 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 7) IDENTIFICATION: NONE
- 8) WEIGHT: N/A
- 9) CUT LENGTH/SHAPE PER DIAGRAM AND PARTS LIST
- 10) WELD PER DART QSI 004

20150925

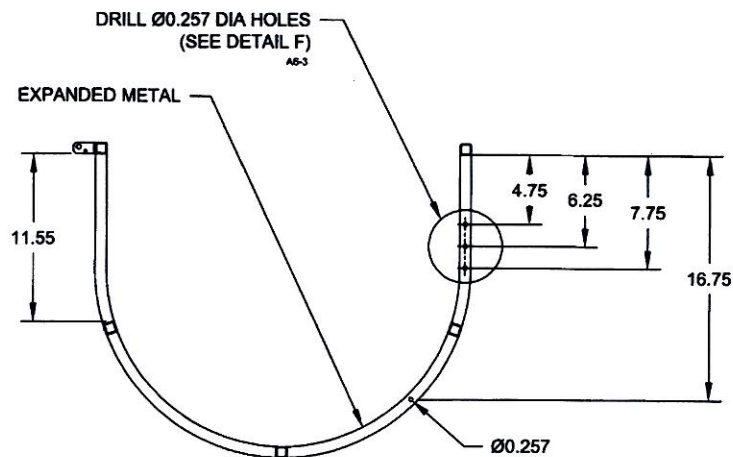
SH 137363

C	ADD -041 VIEWS, ZN B4-2, D4-2, B7-2. RE-ORGANIZE DWG. REF NCR13-2766.	DC	13.12.12
B	FRAME MATERIAL WAS 0.060 WALL. MESH MATERIAL UPDATED. DRAWING MOVED TO "B" FORMAT AND UPDATED TO CURRENT STANDARDS.	AJS	08.07.02
A	NEW ISSUE	RF	01.11.01
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DC		
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	DD	D3053	SHEET 1 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.		BASKET BASE ASSEMBLY (212)	NTS
DATE	13.12.12	COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

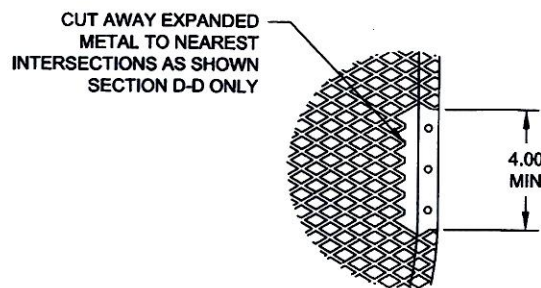


D3053-041 BASKET BASE ASSEMBLY

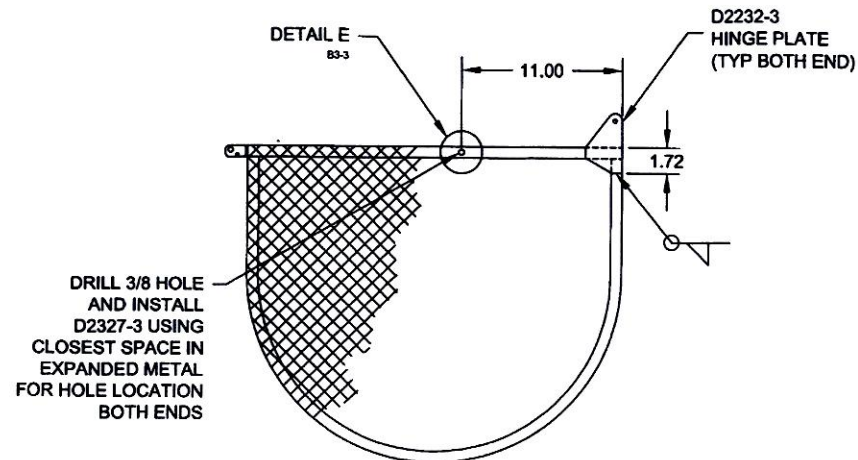
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DRAWN	DC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	DD	D3053	SHEET 2 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.		BASKET BASE ASSEMBLY (212)	NTS
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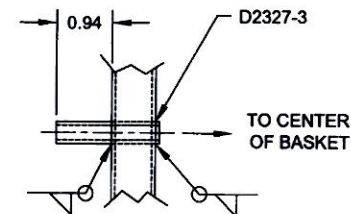
SECTION B-B
SECTION C-C
AND SECTION D-D
 RIB DETAIL



DETAIL F
 SCALE NONE

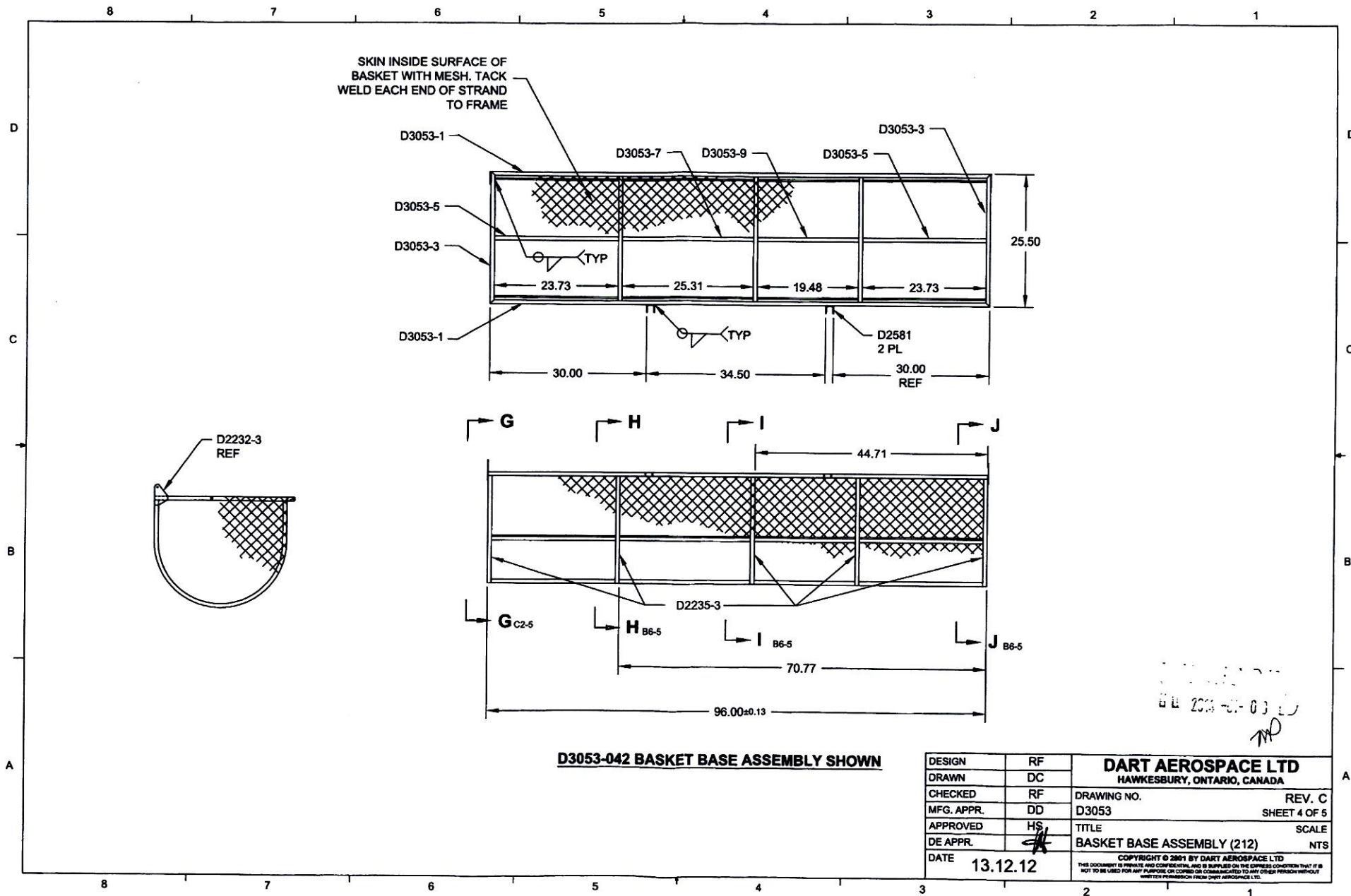


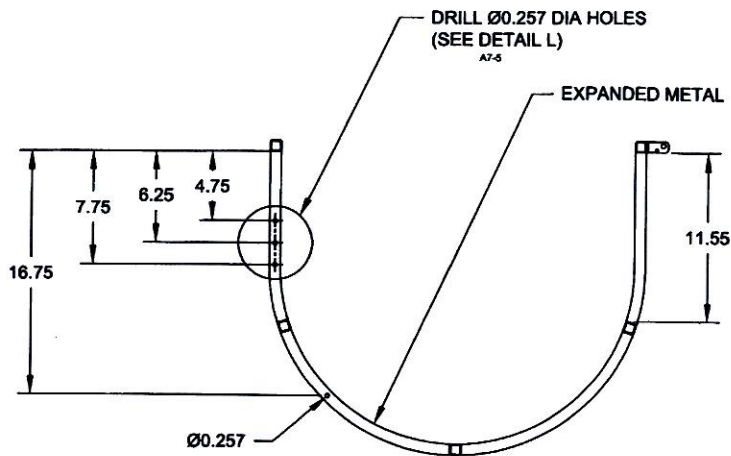
SECTION A-A
 SPACER DETAIL



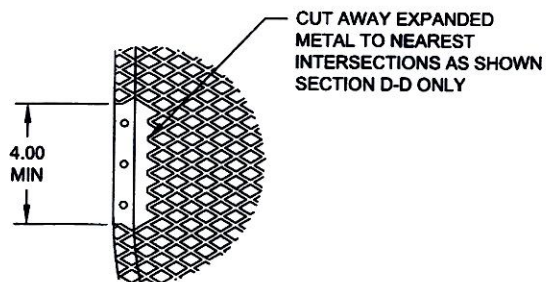
DETAIL E
 SCALE 4X

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	DD	D3053	SHEET 3 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.		BASKET BASE ASSEMBLY (212)	NTS
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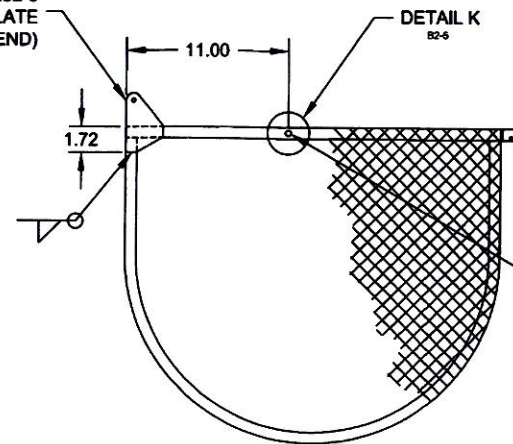


**SECTION H-H₁ B5-4
SECTION I-I B4-4
AND SECTION J-J B3-4**
RIB DETAIL

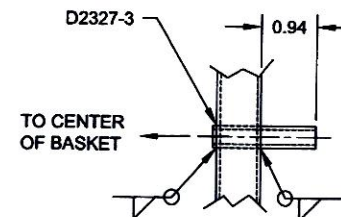


DETAIL L
SCALE NONE
C7-S

D2327-3
HINGE PLATE
(TYP BOTH END)



SECTION G-G₁ B6-4
SPACER DETAIL



DETAIL K
SCALE 4X
D3-S

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	DD	D3053	SHEET 5 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.		BASKET BASE ASSEMBLY (212)	NTS
DATE	13.12.12	COPYRIGHT © 2001 BY DART AEROSPACE LTD	
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